

**U.S. Department of the Interior
Bureau of Land Management
White River Field Office
220 E Market St
Meeker, CO 81641**

DETERMINATION OF NEPA ADEQUACY (DNA)

NUMBER: DOI-BLM-CO-110-2011-0090-DNA

PROJECT/CASEFILE NUMBER: Amend COC71058 – Natural Gas Pipeline
Amend COC71058-01 – Temporary Use Permit (TUP)

PROJECT NAME: Meeker to Greasewood TEWS and Pipeline Tie-in

LEGAL DESCRIPTION: Sixth Principal Meridian, Colorado

T. 1 S., R. 97 W.,
Sec. 17, SW $\frac{1}{4}$ SW $\frac{1}{4}$;
Sec. 18, SE $\frac{1}{4}$ SE $\frac{1}{4}$;
Sec. 20, W $\frac{1}{2}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ NW $\frac{1}{4}$, SE $\frac{1}{4}$ NW $\frac{1}{4}$;
Sec. 21, SW $\frac{1}{4}$ NW $\frac{1}{4}$, W $\frac{1}{2}$ SW $\frac{1}{4}$;
Sec. 28, W $\frac{1}{2}$ NW $\frac{1}{4}$, E $\frac{1}{2}$ SW $\frac{1}{4}$, SW $\frac{1}{4}$ SE $\frac{1}{4}$;
Sec. 33, N $\frac{1}{2}$ NE $\frac{1}{4}$;
Sec. 34, S $\frac{1}{2}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ NW $\frac{1}{4}$, SE $\frac{1}{4}$ NW $\frac{1}{4}$;
Sec. 35, SW $\frac{1}{4}$ NW $\frac{1}{4}$, N $\frac{1}{2}$ SW $\frac{1}{4}$, SE $\frac{1}{4}$ SW $\frac{1}{4}$, SW $\frac{1}{4}$ SE $\frac{1}{4}$.

T. 2 S., R. 96 W.,
Sec. 5, lots 12, 18-19, 23, 25, and 26, S $\frac{1}{2}$ SE $\frac{1}{4}$, NE $\frac{1}{4}$ SE $\frac{1}{4}$;
Sec. 6, lots 28-29, 31-34.

T. 2 S., R. 97 W.,
Sec. 1, SE $\frac{1}{4}$ NW $\frac{1}{4}$, N $\frac{1}{2}$ S $\frac{1}{2}$;
Sec. 2, lot 2, S $\frac{1}{2}$ NE $\frac{1}{4}$, NE $\frac{1}{4}$ SE $\frac{1}{4}$.

APPLICANT: Enterprise Gas Processing, LLC

BACKGROUND: Enterprise Gas Processing, LLC (hereafter Enterprise) was granted right-of-way (ROW) COC71058 and temporary use permit (TUP) COC71058-01 on February 13, 2009. The ROW authorizes construction of 24-inch and 36-inch natural gas pipelines and a 12-inch water line beginning at the existing Meeker Gas Plant in section 19, T1S, R97W. The pipelines will follow a new area from the Meeker Gas Plant to RBC (Rio Blanco County) Road 5 in order to avoid impacting the Ryan Gulch ACEC. The 12-inch water line will terminate on the southeast (SE) side of RBC Road 5. The 24 and 36-inch natural gas pipelines will parallel each other to the Greasewood Hub in section 5, T2S, R96W. The Meeker to Greasewood right-of-way (ROW) is 49,169 feet long with a width of 50 feet, containing approximately 112.9 acres.

The temporary use permit is 49,169 feet long with a width of 30 feet, containing approximately 33.9 acres. The TUP expires December 31, 2011. The project was signed on January 21, 2009. Also analyzed in [CO-110-2007-134-EA](#) was a 24-inch natural gas pipeline from Greasewood to Buckskin Mesa Compressor Station in South Powell Park, However, Enterprise assigned this portion of the pipeline project to CCES Piceance Partners I, LLC.

DESCRIPTION OF PROPOSED ACTION: Enterprise has identified 32 areas on BLM land containing approximately 28.66 acres where temporary extra work space (TEWS) is needed outside of the authorized temporary use permit (TUP) in order to construct the Meeker to Greasewood 36-inch natural gas pipeline. These additional TEWS are shown on the map (see Exhibit A) and described in the attached Exhibit B. Enterprise also proposes to construct 214 feet of natural gas pipeline from the Meeker Gas Plant to tie in to the previously authorized 36-inch natural gas pipeline in section 18, T1S, R97W. The ROW would be 214 feet long with a permanent width of 50 feet, containing approximately 0.25 acres. Construction will begin in summer 2011.

LAND USE PLAN (LUP) CONFORMANCE REVIEW:

Name of Plan: White River Record of Decision and Approved Resource Management Plan (ROD/RMP).

Date Approved: July 1, 1997

X The Proposed Action is in conformance with the LUP because it is specifically provided for in the following LUP decision(s):

Decision Number/Page: Page 2-49

Decision Language: "To make public lands available for the siting of public and private facilities through the issuance of applicable land use authorizations, in a manner that provides for reasonable protection of other resource values."

REVIEW OF EXISTING NEPA DOCUMENTS:

List by name and date all existing NEPA documents that cover the Proposed Action.

Name of Document: White River Resource Area Proposed Resource Management Plan and Final Environmental Impact Statement (PRMP/FEIS).

Date Approved: July 1, 1997

Name of Document: CO-110-2007-134-EA Twenty-four inch Pipeline from Meeker Gas Plant to Greasewood and from Greasewood to the Buckskin Mesa Compressor Station in South Powell Park. Thirty-six inch residue pipeline from Meeker Gas Plant to Greasewood. Twelve-inch produced water pipeline ending at Piceance Creek.

Date Approved: January 21, 2009

NEPA ADEQUACY CRITERIA:

1. Is the new proposed action a feature of, or essentially similar to, an alternative analyzed in the existing NEPA document(s)? Is the project within the same analysis area, or if the project location is different, are the geographic and resource conditions sufficiently similar to those analyzed in the existing NEPA document(s)? If there are differences, can you explain why they are not substantial?

Documentation of answer and explanation: Yes. The proposed action to authorize additional TEWS and a pipeline tie-in is essentially similar to, and is within the same analysis area as, the existing NEPA document CO-110-2007-134-EA.

2. Is the range of alternatives analyzed in the existing NEPA document(s) appropriate with respect to the new proposed action, given current environmental concerns, interests, and resource values?

Documentation of answer and explanation: Yes, the alternatives (the proposed action and the no action alternative) covering a reasonable range of alternatives to the proposed action were analyzed in CO-110-2007-134-EA. No reasons were identified to analyze additional alternatives to the proposed action and these alternatives are considered to be adequate and valid for the proposed action.

3. Is the existing analysis valid in light of any new information or circumstances (such as, rangeland health standard assessment, recent endangered species listings, updated lists of BLM-sensitive species)? Can you reasonably conclude that new information and new circumstances would not substantially change the analysis of the new proposed action?

Documentation of answer and explanation: Yes. The analysis in the existing NEPA document CO-110-2007-134-EA is still valid. It is not expected that new information or circumstances would substantially change the analysis of the new proposed action.

4. Are the direct, indirect, and cumulative effects that would result from implementation of the new proposed action similar (both quantitatively and qualitatively) to those analyzed in the existing NEPA document?

Documentation of answer and explanation: Yes. The direct and indirect impacts of the proposed action remains unchanged from those identified in the existing NEPA document CO-110-2007-134-EA.

5. Are the public involvement and interagency review associated with existing NEPA document(s) adequate for the current proposed action?

Documentation of answer and explanation: Yes. The public involvement and interagency review associated with the existing NEPA document CO-110-2007-134-EA are adequate for the current proposal to authorize additional TEWS and a pipeline tie-in.

INTERDISCIPLINARY REVIEW:

The proposed action was presented to and reviewed by the White River Field Office interdisciplinary team on April 12, 2011. A list of resource specialists who participated in this review is available upon request from the White River Field Office.

REMARKS:

Cultural Resources: The proposed work areas and reroute have been inventoried at the Class III (100% pedestrian) level (Brand and Hoefer 2008a, 2008b, Greenberg 2007, Werner 2011) with no cultural resources identified in the APE for the project. Provided all activity is strictly limited to the approved ROW there will be no new impacts to any known cultural resources. (MRS 6/27/2011)

Native American Religious Concerns: No Native American Religious Concerns are known in the area, and none have been noted by Northern Ute tribal authorities. Should recommended inventories or future consultations with Tribal authorities reveal the existence of such sensitive properties, appropriate mitigation and/or protection measures may be undertaken. (MRS 6/20/2011)

Paleontological Resources: The proposed work areas and reroute are located in an area generally mapped as the Uinta Formation (Tweto 1979) which the BLM.WRFO has classified as a PFYC 4/5 formation meaning it is known to produce scientifically noteworthy fossil resources (c.f. Armstrong and Wolny 1989). If it becomes necessary, for any reason, to excavate into the underlying sedimentary rock formations there is a potential to impact noteworthy fossil resources. (MRS 6/27/2011)

Threatened and Endangered Wildlife Species: Several of the TEWS are located in overall greater sage-grouse range as mapped by Colorado Parks and Wildlife. These sites are situated on the west side of Magnolia in a heavily industrialized area that currently does not support sage-grouse populations.

Raptor surveys were conducted in May and June of 2011. Three active nests were found within the ¼ mile of the pipeline centerline; however none of these nests are within a ¼ mile of the proposed TEWS.

Nearly all of the proposed pipeline route and TEWS are located in mule deer severe winter range, a specialized component of winter range that supports virtually all an areas deer under the most severe winter conditions (i.e., extreme cold and heavy snow pack). These ranges typically experience the heaviest use by mule deer during the late winter and early spring. (LRB 07.08.11)

Threatened and Endangered Plant Species: The area of the proposed action has been previously surveyed for special status plant species and no occupied habitat within 600 m was found. The proposed action is not expected to directly influence occupied special plant species habitat. The #24 portion (Section 1, T2S R97W SENW and N2S2) of the proposed action borders suitable special status plant species habitat and Enterprise has agreed to remove the southern 25 ft of the disturbance in this area. In addition, the use of dust abatement during

construction is suggested to mitigate possible indirect effects fugitive dust on suitable special status plants' habitat and potential primary pollinators in the area. Enterprise will also consult with the WRFO Ecologist as to which species are used in the reclamation seed mix prior to reseeding. (ZMM 7/8/11)

MITIGATION: All applicable terms, conditions, and stipulations contained in the original ROW grant and TUP shall be carried forward and remain in full force and effect.

REFERENCES CITED:

Armstrong, Harley J., and David G. Wolny

1989 Paleontological Resources of Northwest Colorado: A Regional Analysis. Museum of Western Colorado, Grand Junction, Colorado.

Brand, Suzanne, and Ted Hoefer, III

2008a Class III Cultural Resource Inventory of a Reroute for the Proposed Enterprise Meeker Plant to Buckskin Pipelines, Rio Blanco County, Colorado. Cultural Resource Analysts, Inc., Longmont, Colorado. (08-162-03, SHPO number RB.LM.R.1063)

2008b Class III Cultural Resources Inventory of the Enterprise Meeker Plant to Greasewood Station Pipelines, Rio Blanco County, Colorado. Cultural Resource Analysts, Inc., Longmont, Colorado. (08-165-05, SHPO number RB.LM.R1062)

Greenberg, Marc. E.

2007 Class II Cultural Resources Inventory of the Hatch Gulch Pipeline, Rio Blanco County, Colorado. Cultural Resources Analysts, Inc., Longmont, Colorado. (#07-162-02, SHPO number RB.LM.R1064)

Tweto, Ogden

1979 Geologic Map of Colorado. United States Geologic Survey, Department of the Interior, Reston, Virginia.

Werner, Heidi

20211 Class III Cultural Resource Inventory for the Enterprise Products 36" Meeker to Greasewood Pipeline Reroute. Western Archaeological services, Rock Springs, Wyoming. (11-12-01: SHPO #RB.LM.NR2259)

COMPLIANCE PLAN: On-going compliance inspections and monitoring would be conducted by the BLM White River Field Office staff during and after construction. Specific mitigation developed in this document would be followed. The holder would be notified of compliance related issues, and depending on the nature of the issue(s), would be provided 30 days to resolve such issues.

NAME OF PREPARER: Jeanne E. Newman

NAME OF ENVIRONMENTAL COORDINATOR: Heather S. Sauls

DATE: 07/13/2011

ATTACHMENTS:

Attachment A – Maps

Attachment B – Table showing each Temporary Extra Work Space

CONCLUSION

DOI-BLM-CO-110-2011-0090-DNA

Based on the review documented above, I conclude that this proposal conforms to the land use plan and that the NEPA documentation previously prepared fully covers the Proposed Action and constitutes BLM's compliance with the requirements of NEPA.

SIGNATURE OF RESPONSIBLE OFFICIAL:

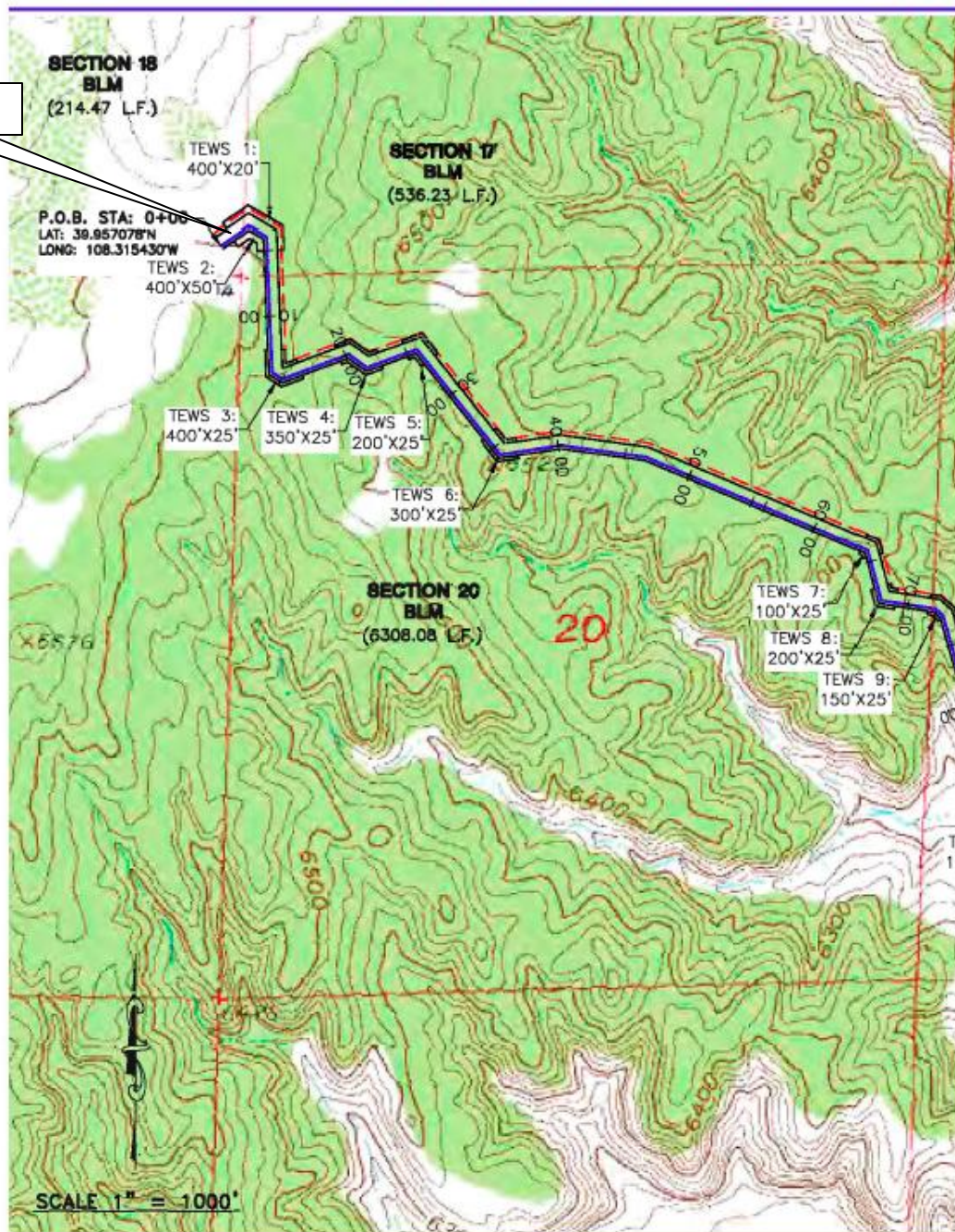

for Field Manager

DATE SIGNED:

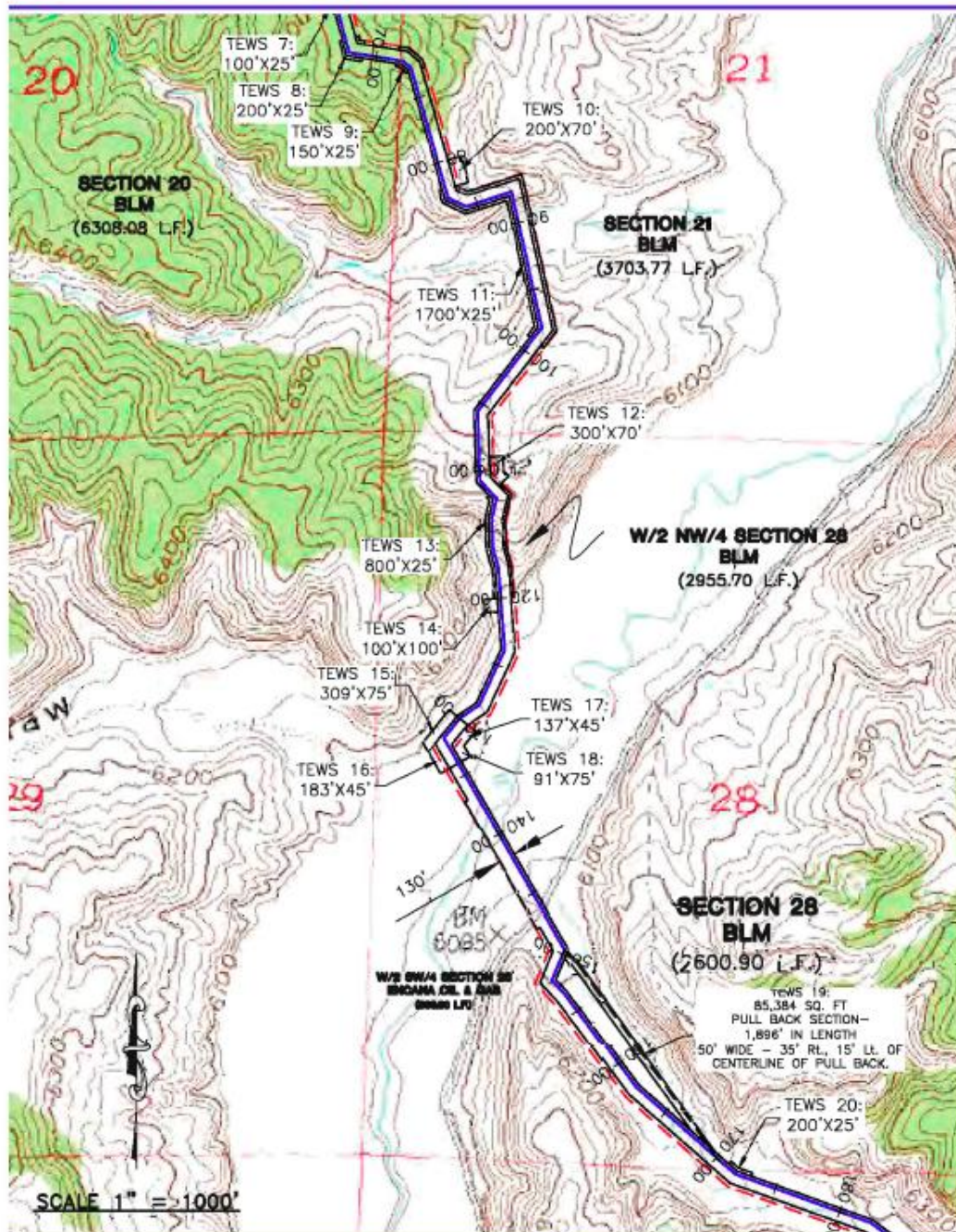
7/13/11

Note: The signed Conclusion on this worksheet is part of an interim step in the BLM's internal decision process and does not constitute an appealable decision.

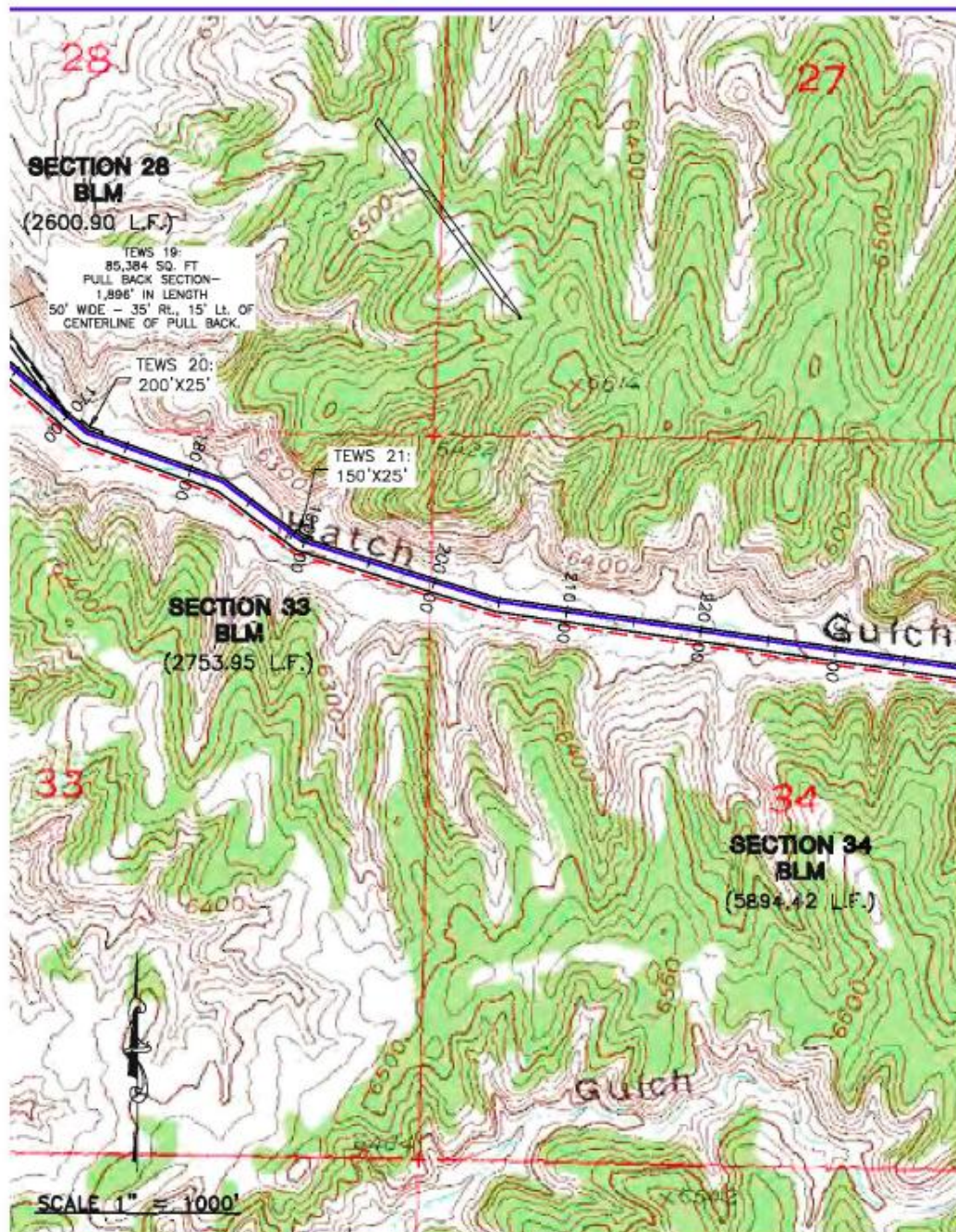
Pipeline Tie-in



JFC ENGINEERS SURVEYORS 1515 NINTH STREET ROCK SPRINGS, WY 82901 PHONE (307) 362-7519 FAX (307) 362-7569 http://www.jfc-wyo.com	36" MEEKER TO GREASEWOOD PIPELINE TEMPORARY EXTRA WORK SPACES RIO BLANCO COUNTY, COLORADO	
	DRAWN BY: YLW DATE: 02/14/2011	SCALE: NOTED



<p>JFC ENGINEERS SURVEYORS</p> <p>1515 NINTH STREET ROCK SPRINGS, WY 82901 PHONE (307) 362-7519 FAX (307) 362-7569 http://www.jfc-wyo.com</p>	<p>36" MEEKER TO GREASEWOOD PIPELINE TEMPORARY EXTRA WORK SPACES RIO BLANCO COUNTY, COLORADO</p>	
	<p>DRAWN BY: TLW</p>	<p>SCALE:</p>
	<p>DATE: 02/14/2011</p>	<p>NOTED</p>



FILE NAME:



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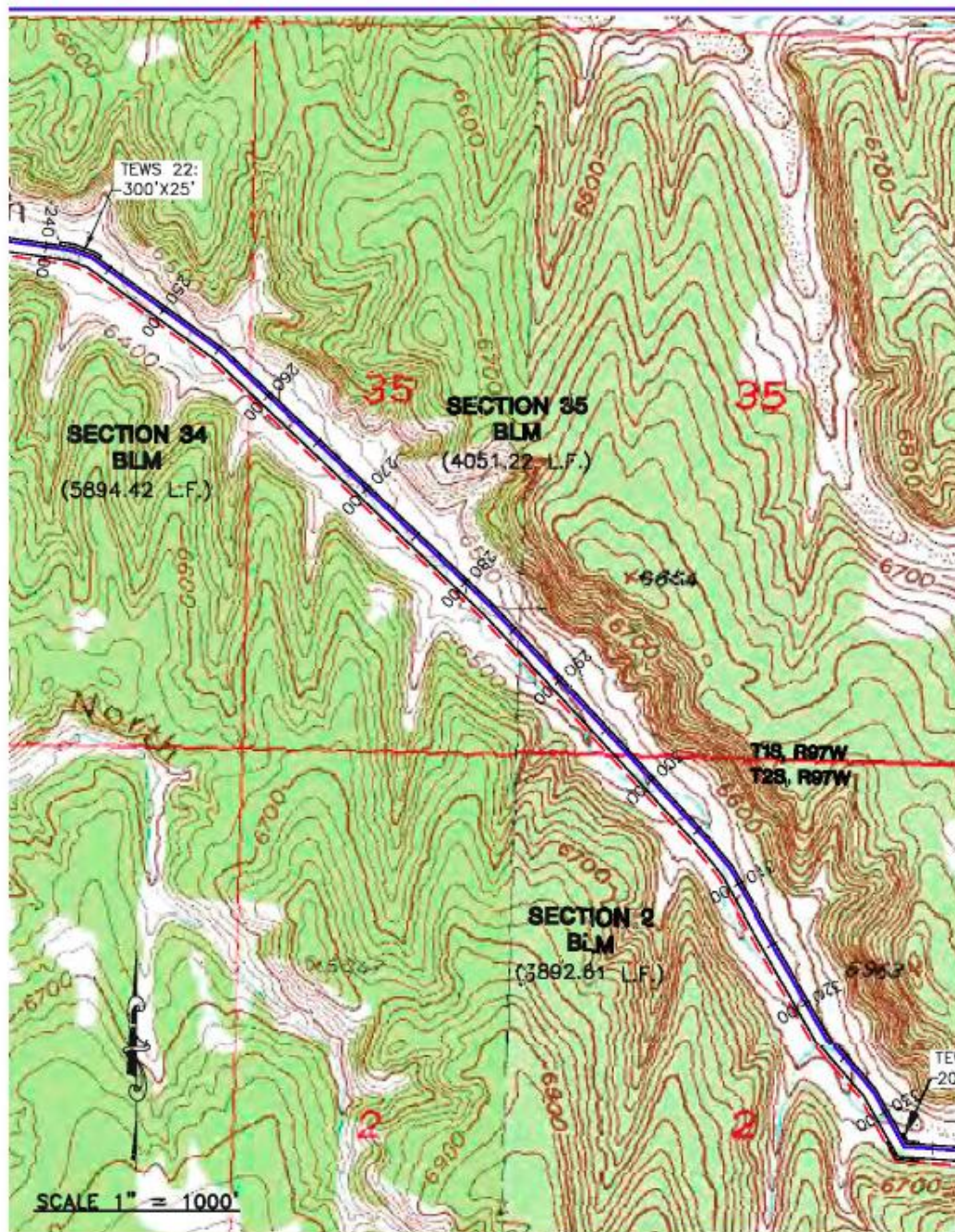
DRAWN BY: YLW

SCALE:

DATE: 02/14/2011

NOTED

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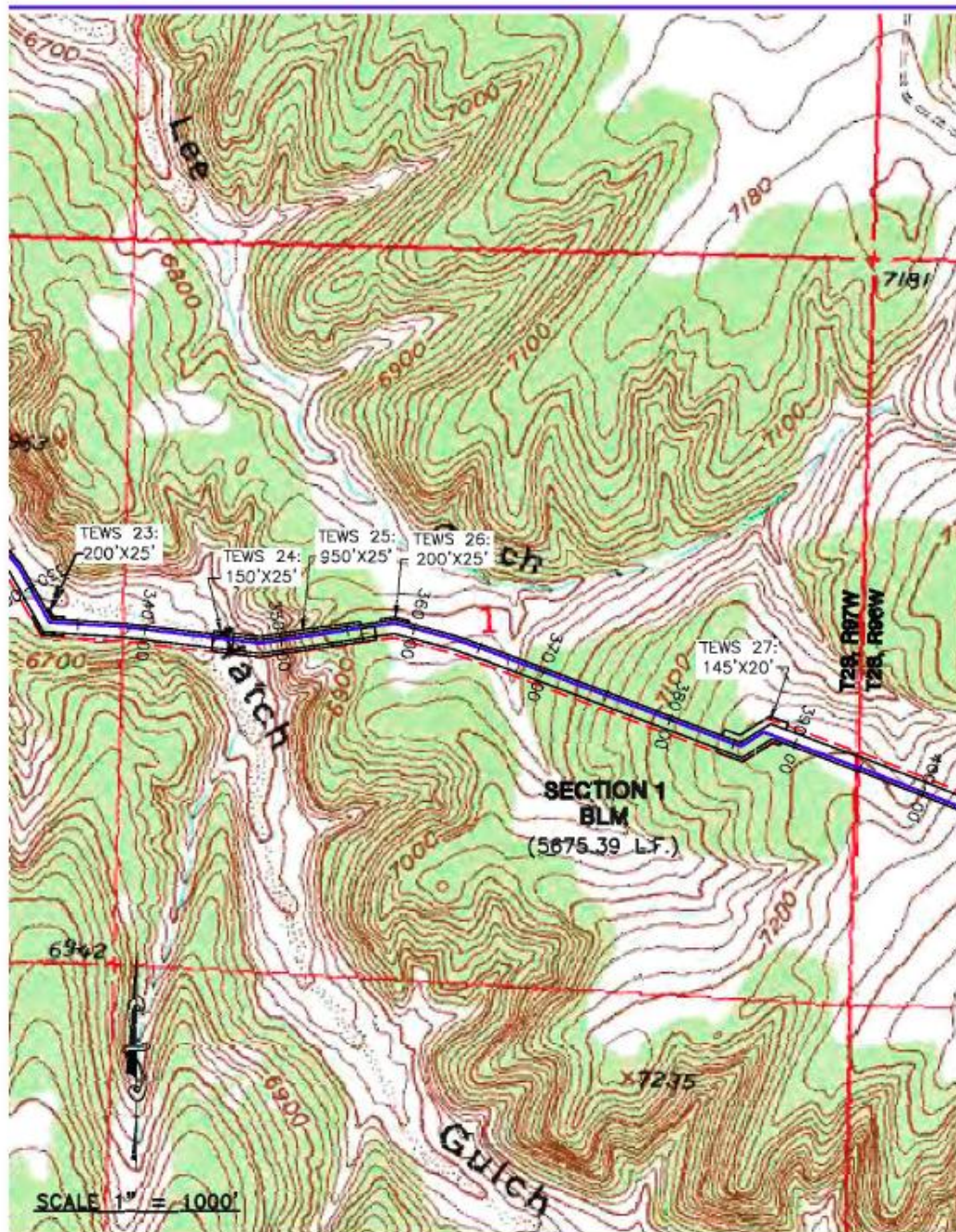
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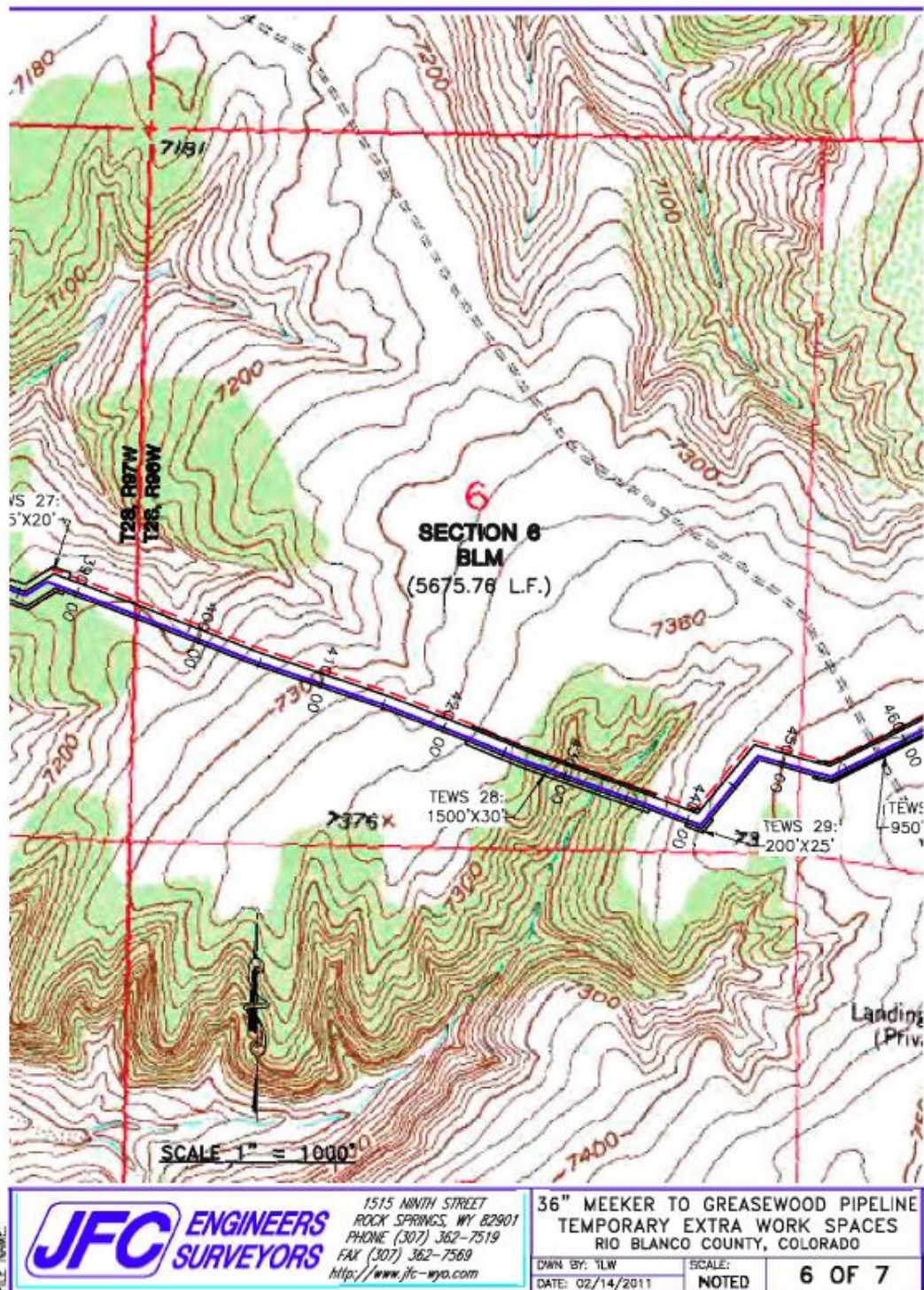
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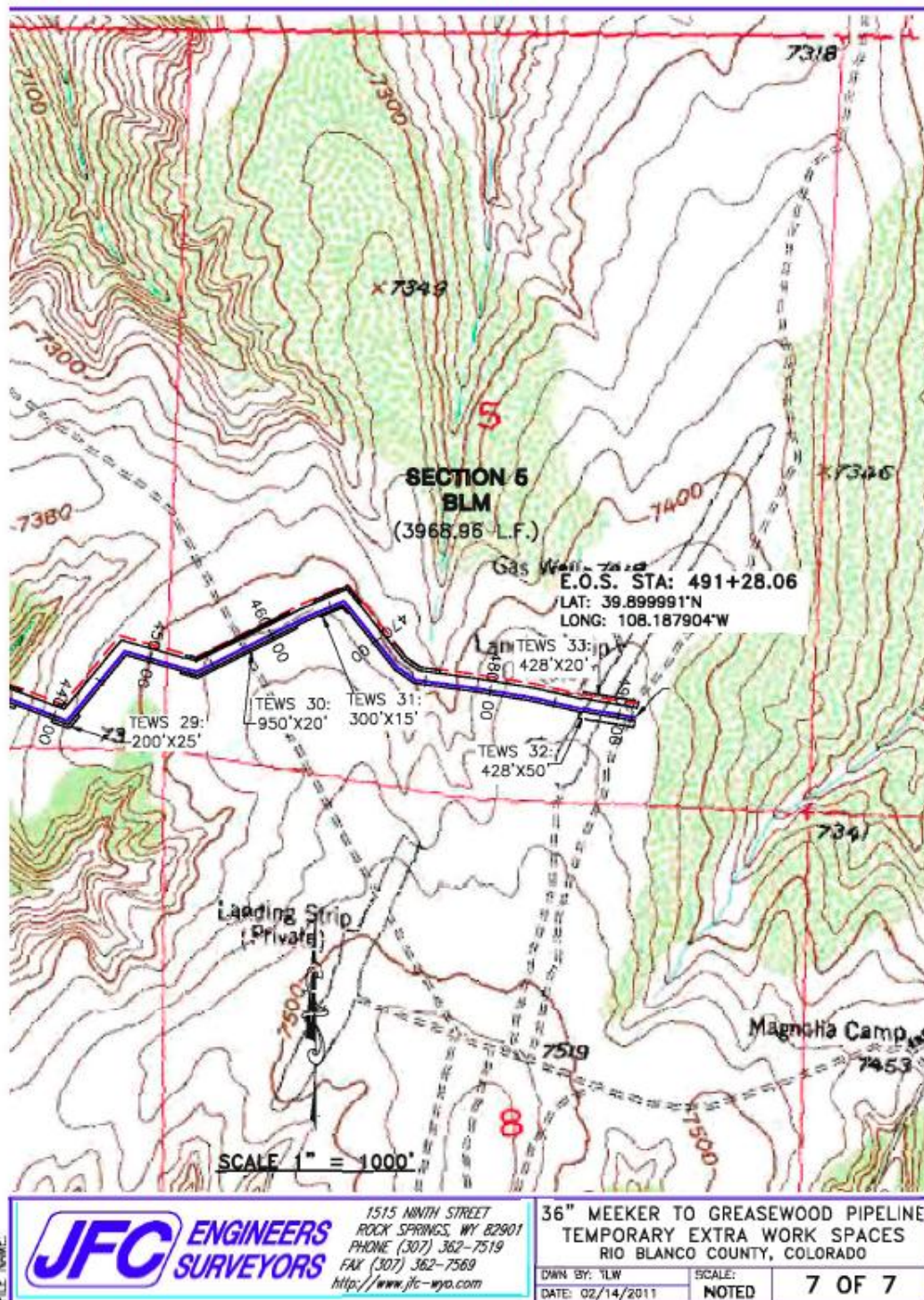
NOTED

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	<p>DRAWN BY: YLW</p> <p>DATE: 02/14/2011</p>	<p>SCALE: NOTED</p>





Enterprise 36" Meeker to Greasewood Pipeline TEWS uses		
TEWS Number	Described use / need	
1	Staging area at end of line – Pipe, equipment at soil storage	
2	Staging area at end of line – Pipe, equipment at soil storage (opposite side of ROW from #1 TEWS)	
3	Installation of 3D radius fittings require additional width of ditch for safety with additional spoils created that will need stored	
4	Installation of 3D radius fittings require additional width of ditch for safety with additional spoils created that will need stored	
5	Installation of 3D radius fittings require additional width of ditch for safety with additional spoils created that will need stored	
6	Installation of 3D radius fittings require additional width of ditch for safety with additional spoils created that will need stored	
7	Installation of 3D radius fittings require additional width of ditch for safety with additional spoils created that will need stored	
8	Installation of 3D radius fittings require additional width of ditch for safety with additional spoils created that will need stored	
9	Installation of 3D radius fittings require additional width of ditch for safety with additional spoils created that will need stored	
10	Storage of fittings and pipe required at TEWS locations 3-9)	
11	Additional width required due to “Side Hill” construction requiring additional storage of spoils and rock.	
12	Pipe storage required for adjacent hill side construction associated with TEWS areas 11 and 13.	
13	Additional width required due to “Side Hill” construction requiring additional storage of spoils and rock.	
14	Pipe storage required for adjacent hill side construction associated with TEWS area 13.	
15	Set up area for HDD and associated equipment, staging area of materials, access and offload area from “Plant Road”.	
16	Set up area for HDD and associated equipment, staging area of materials, access and offload area from “Plant Road”.	
17	Set up area for HDD and associated equipment, staging area of materials, access and offload area from “Plant Road”.	
18	Set up area for HDD and associated equipment, staging area of materials, access and offload area from “Plant Road”.	
19	Piping pull back area for HDD (setup of rollers and pipe to be pulled through HDD bore)	
20	Installation of 3D radius fittings require additional width of ditch for safety with additional spoils created that will need stored	
21	Installation of 3D radius fittings require additional width of ditch for safety with additional spoils created that will need stored	
22	Installation of 3D radius fittings require additional width of ditch for safety with additional spoils created that will need stored	
23	Installation of 3D radius fittings require additional width of ditch for safety with additional spoils created that will need stored	

24	Rocky hillside construction requiring additional width of ditch required for safe work, also storage area for pipe for hillside.	
25	Rocky hillside construction requiring additional width of ditch required for safe work	
26	Road crossing requiring additional width for bypass (shoe fly) and spoil and pipe storage.	
27	Spoil storage required for multiple foreign line crossings, also required due to change of working side of ROW.	
28	Additional width required due to "Side Hill" construction requiring additional storage of spoils and rock.	
29	Installation of 3D radius fittings require additional width of ditch for safety with additional spoils created that will need stored	
30	Road crossing requiring additional width for bypass (shoe fly) and spoil and pipe storage due to foreign line crossing on both sides of road.	
31	Installation of 3D radius fittings require additional width of ditch for safety with additional spoils created that will need stored, also foreign line crossings.	
32	Staging area at end of line – Pipe, equipment at soil storage, also needed due to road crossing.	